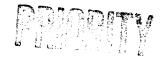
SEGRET



190EC 69 21 221

P 192048Z DEC 69 FM NPIC WASHDC TO RHCOAAA/SAC OFFUTT AFB OMAHA NEB RHCOAAA/544TH ARTW, OFFUTT AFB OMAHA NEB RUHHABA/548TH RTG, HICKAM AFB, HAWAII RUCRJCS/DIAXX-2 RUEFHQA/HQ USAF

ONT 69021

BT SECRET CITE NPIC 7661 HQ USAF FOR AFIGOS, AFXOTR, AFNICAD SAC FOR DIRI, DOSR, DISD

SUBJECT: EVALUATION OF GIANT NAIL MISSION GA-T-144, FLOWN 4 DECEMBER 1969

IMAGE QUALITY: THE IMAGE QUALITY OF THIS MISSION IS GOOD WHERE NOT AFFECTED BY ATMOSPHERICS OR OVEREXPOSURE (SEE PARA 3A). THE MISSION CONSISTS OF ONLY FOUR CANS (347 TITLED FRAMES) OF WHICH THE IMAGERY ON THE LAST TWO IS ALMOST COMPLETELDESTRIBUTION CLOUD COVERED. CLOUD COVER OBSCURES APPROXIMATELY 65 PERCENT

THE ENTIRE MISSION. MISSION DATA:

PAGE 2 RUEADJU Ø1Ø5 S E C R E T

MISSION NUMBER: GA-T-144, 4 DECEMBER 1969 Α.

IRIS II, SERIAL NUM: 8010 CAMERA: В.

A/C NUM: 340 C. MODE: STEREO

D.

T/O: Ø2Ø9Z, C/ON: Ø427Z E.

FILM TYPE: 3404, FILTER: WRATTEN 15

CHEMISTRY: UNK, PROCESSING FACILITY: 548TH RTG G.

Н. AVG. GAMMA: UNK

EXPOSURE: AUTOMATIC Ι.

ORIGINAL NEGATIVE:

EXPOSURE: THE EXPOSURE IS GOOD ON THE FIRST THIRTEEN AT THE MIDDLE OF FRAME 14 THE DENSITY BEGINS TO GET FRAMES. GRADUALLY HEAVIER AND THE NEGATIVE IS VERY OVEREXPOSED AT THE SUPPLY END OF THE FRAME. THIS OVEREXPOSURE CONTINUES THROUGH FRAME 28. IN FRAME 29 THE EXPOSURE GRADUALLY RETURNS TO THE PROPER LEVEL. IT REMAINS AT THIS LEVEL UNTIL FRAME 45 AT WHICH TIME THE EXPOSURE AGAIN SHIFTS AND THE RECORD BECOMES THE MATERIAL REMAINS OVEREXPOSED UNTIL FRAME 49 WHERE THE EXPOSURE AGAIN GRADUALLY RETURNS TO THE PROPER LEVEL THE EXPOSURE REMAIN GOOD THROUGHOUT THE REST OF THE MISSION. DUE

IEG IEC/ SCLE WEST EAST Mas IEG/PL IAS DIA-XX4 SPAD DIA-AP 25X1 CMX

PI

ON THE

-dabin Bed. :Pau/au

SECUR. Tesa

PSG/CC

1230

REPER

AID

rint

ADVANCE CY SANITIZIO WITH TEXT

PAGE 3 RUEADJU Ø1Ø5 S E C R E T TO THE LIMITED AMOUNT OF TERRAIN IMAGERY ACQUIRED, RECOMMENDATIONS AS TO THE AEC VERSUS A SET SLIT WIDTH CANNOT BE MADE.

DENSITY AND CONTRAST: THE MATERIAL IS OF GOOD DENSITY AND CONTRAST WITH THE EXCEPTION OF THOSE MISSION PORTIONS WHICH





ARE OVEREXPOSED AS STATED ABOVE.

- C. IMMED DEGRADATIONS:
 - (1) FOG PATTERNS ARE PRESENT ON THE FIRST FRAME OF THE MISSION.
- (2) A Ø.1 INCH WIDE BAND OF FOG, ORIENTED PERPENDICULAR TO THE FILM EDGES AND LOCATED THREE INCHES FROM THE TAKE-UP END OF THE FRAME, IS PRESENT ON NUMEROUS FORWARD FRAMES THROUGH-OUT THE MISSION.
- PHYSICAL DEGRADATIONS: AN EMULSION SCRATCH, LOCATED 2.9 INCHES FROM THE TITLED EDGE OF THE FILM, IS PRESENT THROUGHOUT THE MISSION.
- E. DATA RECORDING EQUIPMENT: FUNCTIONED PROPERLY THROUGHOUT WITH EXCEPTION AS EXPLAINED IN PARAGRAPH F
- F. OTHER DEGRADATIONS: ERRATIC METERING WAS FIRST NOTED BETWEEN FRAMES 195/196; A FEW RANDOM INSTANCES WERE NOTED THEREAFTER. FRAME 213 IS ACTUALLY TWO FRAMES RUN TOGETHER WITH THE DATA BLOCK EXPOSED OVER THE IMAGERY. NO DATA BLOCK WAS IMAGED BETWEEN

PAGE 4 RUEADJU Ø1Ø5 S E C R E T FRAME 212/213. THIS FAILURE IS SIMILAR TO THAT EXPLAINED IN PARAGRAPH D, SUBPARAGRAPH 2 OF THE EVALUATION REPORT FOR MISSION GA-T-138 (CITE NPIC 7552). ON MISSION GA-T-144, THIS FAILURE OCCURRED ONLY ONCE (FRAME 213).

G. THIS MISSION CONSISTS OF 347 TITLED FRAMES. 4. POSITIVES: POSITIVES WERE NOT PRODUCED FROM THIS MISSION. GP-1

SECRET

END OF MESSAGE